

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
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(FOR KEY SEE REVERSE)

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Analysis of Nonferrous Metal Production in East Germany in 1952

The achievements of East Germany in the nonferrous metal industry during 1952 were as follows (all figures are in metric tons):

	Plan	Actual	Remarks	ILLEGIB
1. <u>Copper:</u>				
Ilseburg	9,600	9,623	Production below expectations because of scrap shortage.	
Berliner M.H.W.	3,300	2,716		
Mansfeld	14,400	14,791		
	27,300	27,130		
Imports	10,000	12,510		
	37,300	39,640		
2. <u>Aluminum (pure):</u>				
Bitterfeld	15,500	15,307	(foil)	
Imports	3,600	200		
	19,100	15,507		

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25 YEAR RE-REVIEW

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC			ORR Ev	X
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3. <u>Aluminum (alloys):</u>	<u>Plan</u>	<u>Actual</u>
Berliner M.H.W.	2,290	2,595
Rackwitz	3,700	4,514
Bitterfeld	7,100	5,028
	<u>13,090</u>	<u>12,137</u>

The Berlin and Rackwitz plants more than achieved their planned production figure but its quality was not always up to requirements; at Bitterfeld the result was poor both qualitatively and quantitatively. This was a result in both cases of the inferior type of scrap supplied. Consequently certain aluminum alloys, e.g. Si 5, 6, 52, Hy 3-5 and those used in cylinder castings could not be produced. This in turn led to insufficient supplies of aluminum alloys of the right type going to Hettstedt for the production of rolled products.

4. <u>Lead</u>	<u>Plan</u>	<u>Actual</u>	<u>Remarks</u>
Freiberg	13,050	11,595	Non-fulfillment because of shortage of scrap.
Mansfeld	3,600	2,994	
Berliner M.H.W.	2,300	1,623	
	<u>18,950</u>	<u>16,212</u>	
Imports	7,500	8,852	
	<u>26,450</u>	<u>25,064</u>	

5. <u>Bronze:</u>	<u>Plan</u>	<u>Actual</u>	
Berliner M.H.W.	2,000	2,557	This result was because of the good supplies of scrap obtained.
Imports	2,000	1,966	
	<u>4,000</u>	<u>4,523</u>	

6. <u>Tin (pure):</u>	<u>Plan</u>	<u>Actual</u>
Freiberg	140	138
Imports	250	498
	<u>390</u>	<u>636</u>

7. <u>Tin (crude):</u>	<u>Plan</u>	<u>Actual</u>
Freiberg	395	382
Imports	250	247
	<u>645</u>	<u>629</u>

8. <u>Brass:</u>	<u>Plan</u>	<u>Actual</u>
Berliner M.H.W.	2,000	1,965

9. <u>Zinc (from scrap):</u>	<u>Plan</u>	<u>Actual</u>	
Berliner M.H.W.	3,000	3,189	This plant closed down in June 1952
Vertriebslager Leipzig	1,100	598	
	<u>4,100</u>	<u>3,787</u>	

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	<u>Plan</u>	<u>Actual</u>	<u>Remarks</u>
10. <u>White Metal (10% tin):</u>			
Vertriebslager Leipzig	30	39	
Schaefer & Schael ²	560	611	
Freiberg	360	377	
	950	1,027	
	1,000	31	
	1,950	1,058	DIA Metall failed to secure these 31 tons from West
11. <u>Nickel:</u>	<u>Plan</u>	<u>Actual</u>	
Aue	135	176	
Imports	500	537	
	635	713	
12. <u>Magnesium:</u>	<u>Plan</u>	<u>Actual</u>	
Bitterfeld	1,500	1,020	
Rackwitz	1,500	1,173	
	3,000	2,193	Raw material supplies were inadequate. There were no imports.
13. <u>Antimony:</u>	<u>Plan</u>	<u>Actual</u>	
Oberboehmsdorf:	113	113	
Imports	700	1,300	
	813	1,413	Of this amount 600 tons were set aside as a special reserve.
14. <u>Solder:</u>	<u>Plan</u>	<u>Actual</u>	
Vertriebslager Freiberg	190	190	
Imports	146	146	
	336	336	
15. <u>Bismuth:</u>	<u>Plan</u>	<u>Actual</u>	
Freiberg	4	5	
Imports	7.5	4.4	
	11.5	9.4	
16. <u>Selenium:</u>	<u>Plan</u>	<u>Actual</u>	
Mansfeld	5.3	6.3	
Imports	1.6	1.6	
	6.6	7.9	
17. <u>Arsenic:</u>	<u>Plan</u>	<u>Actual</u>	
Freiberg	10	10	Of this 6½ tons were exported.

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18. The following metals were all obtained exclusively by imports:

	<u>Plan</u>	<u>Actual</u>	<u>Remarks</u>
Zinc (pure)	9,300	10,587	
White metal (80%)	100	100	
Cadmium	63	48	
Silicon	170	12	
Manganese	8	8	
Chromium	7	5	
Molybdenum	Nil	0.9	
Zirconium	0.04	0.024	
Beryllium	0.008	0.008	
Cobalt	30	29	

19. Rolled Products:

(a) <u>From copper</u>	<u>Plan</u>	<u>Actual</u>	
Hettstedt	16,445	14,796	
Berliner M.H.W.	2,650	2,062	
KWO	13,000	15,494	
	<u>32,095</u>	<u>32,352</u>	
(b) <u>From brass:</u>	<u>Plan</u>	<u>Actual</u>	
Hettstedt	8,880	8,402	
Berliner M.H.W.	1,890	1,560	
Auerhammer	300	360	
	<u>11,070</u>	<u>10,322</u>	
(c) <u>From aluminum:</u>	<u>Plan</u>	<u>Actual</u>	
Hettstedt	9,625	7,326	
Berliner M.H.W.	550	445	
Rackwitz	1,375	1,788	
Merseburg	2,100	2,214	
Bitterfeld	3,950	4,578	
	<u>17,600</u>	<u>16,351</u>	Including aluminum foil.
(d) <u>From bronze:</u>	<u>Plan</u>	<u>Actual</u>	
Auerhammer	110	101	
Rackwitz	100	103	
Hettstedt	60	43	
	<u>270</u>	<u>247</u>	
(e) <u>From lead:</u>	<u>Plan</u>	<u>Actual</u>	
Torrey ²	100	105	
Freiberg	5,000	2,422	
	<u>5,100</u>	<u>2,527</u>	Lack of scrap hindered production

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(f) <u>From zinc:</u>	<u>Plan</u>	<u>Actual</u>
Hettstedt	600	603
Berliner M.H.W.	400	215
	<u>1,000</u>	<u>818</u>

(g) <u>From nickel:</u>	<u>Plan</u>	<u>Actual</u>
Hettstedt	126	93
Auerhammer	40	33
	<u>166</u>	<u>126</u>

(h) <u>Constantan wire:</u>	<u>Plan</u>	<u>Actual</u>
Hettstedt	24	20
Auerhammer	16	18
	<u>40</u>	<u>38</u>

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